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Result
No.
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Maximum Match 10
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Maximum DB
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Perfect score:
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    seg length: 0 seg length: 2000000000
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1: /cgn2_6/ptodata/1/paa/PCT_NEW_COMB.pep:*

2: /cgn2_6/ptodata/1/paa/US06_NEW_COMB.pep:*

3: /cgn2_6/ptodata/1/paa/US07_NEW_COMB.pep:*

4: /cgn2_6/ptodata/1/paa/US08_NEW_COMB.pep:*

5: /cgn2_6/ptodata/1/paa/US09_NEW_COMB.pep:*

6: /cgn2_6/ptodata/1/paa/US09_NEW_COMB.pep:*

7: /cgn2_6/ptodata/1/paa/US09_NEW_COMB.pep:*
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1098
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Copyright (c) 1993 - 2000 Co
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      DВ
      Gapext 0.5
US-09-502-984B-6
US-09-502-984B-37
US-09-502-984B-4
US-09-502-984B-1
US-09-502-984B-1
US-09-502-984B-15
US-09-502-984B-15
US-09-502-984B-16
US-09-502-984B-17
US-09-502-984B-11
US-09-502-984B-12
US-09-502-984B-12
US-09-502-984B-12
US-09-502-984B-10
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US-09-502-984B-10
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US-09-791-537-67299
US-09-502-984B-3
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US-09-502-984B-18
US-09-502-984B-19
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11, Appl
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12, Appl
13, Appl
16, Appl
17, Appl
18, Appl
38134, Appl
19, Appl
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Ouery Match Best Local Matches 21 Qy 1 KFE Qy 61 HQA Qy 61 HQA Qy 61 HQA 1 HQA Qy 121 RLA Qy 121 RLA Qy 121 RLA Qy 181 TRI Db 181 TRI	RESULT 1 US-09-502-984I Sequence 6, GENERAL INFO APPLICANT: ITILE OF IT FILE REFERE CURRENT FILE PRIOR APPLI PRIOR APPLI PRIOR FILLI FRIOR ORGANISM: FEATURE: OTHER INFO OGGANISM: OTHER INFO	27 10 28 10 29 10 30 10 31 10 32 10 33 10 34 10 35 10 36 9 37 877 38 877 38 877 38 877 39 869 40 869 41 869 77 42 42 77
Similarity 1; Conserv SKAALLAARGI	1 1 202-984B-6 102-984B-6	1034 1025 93.4 1022 93.4 1022 93.3 1022 93.3 1022 93.3 1022 93.3 92.9 92.9 92.9 91.9 92.9 91.9 92.9 93.3 77.5 79.9 91.9 92.9 93.7 79.9 93.7 79.9 94.9 95.9 96.9 97.9
ty 100.0%; ervative 0; RGPEELLCFTERLI RGPEELLCFTERLI RGPEELLCFTERLI FWCSLPTADTSSF	t n 20100 FR 9	56 6 6 6 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7
1098: NO. 7e- atches atches EEAASAG EEAASAG EEAASAG ETAASGAP TAASGAP TAASGAP T	1502984B IE-BASED SCREENING TECHNIQUES TY/RMS/RMK US/09/502,984B 12-11 1/120,009 1/131,674 19 Ice Ice Ice Icon of Artificial Sequence:	US-09-502-984B-20 US-09-502-984B-21 US-09-502-984B-23 US-09-502-984B-23 US-09-502-984B-23 US-09-502-984B-26 US-09-502-984B-27 US-09-502-984B-27 US-09-502-984B-27 US-09-502-984B-29 US-09-791-537-55613 US-09-791-537-9845 US-09-791-537-1400 US-09-791-537-1400 US-09-791-537-105514 US-09-791-537-40030 US-09-791-537-40031 US-09-791-537-40031 US-09-791-537-40031 US-09-791-537-40031 US-09-791-537-40031 US-09-791-537-40031 US-10-099-895-34 US-10-206-002-710
DB 5; Length 211; 104; 0; Indels 0; Gaps VGPGNFSFSFOLEDEPWKLCRL 60 VGPGNFSFSFOLEDEPWKLCRL 60 VGPGNFSFSFOLEDEPWKLCRL 60 VGPGNFSFSFOLEDEPWKLCRL 60 VGPGNFSFSFOLEDEPWKLCRL 120 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	S FOR DRUG DISCOVERY	Sequence 20, Appl Sequence 21, Appl Sequence 25, Appl Sequence 23, Appl Sequence 23, Appl Sequence 28, Appl Sequence 27, Appl Sequence 27, Appl Sequence 29, Appl Sequence 9845, Ap Sequence 9945, Ap Sequence 1440, Appl Sequence 1440, Appl Sequence 40030, A Sequence 40030, A Sequence 40031, Ap Sequence 34, Appl Sequence 34, Appl Sequence 31, Appl
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RESULT 2 US-09-502-984B-37 ; Sequence 37, Application US/09502984B ; GENERAL INFORMATION:

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US-09-502-984B-5
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Best Local s
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PRIOR FILING DATE: 1999-04-29
NUMBER OF SEQ ID NOS: 37
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 37
ELENTH: 249
                                                                     Matches
                                                                                                   Query Match
                                                                                                                                                                                                                                                       SEQ ID NO 5
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PRIOR FILING DATE: 1999-04-29
NUMBER OF SEQ ID NOS: 37
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION NUMBER: US/09/502,984B CURRENT FILING DATE: 2000-02-11
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TITLE OF INVENTION: STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
FILE REFERENCE: A-68126-1/RFT/RMS/RMK
                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/120,009 PRIOR FILING DATE: 1999-02-11
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TITLE OF INVENTION: ST
                                                                                                                                                                                        TYPE: PRT
ORGANISM: Artificial Sequence
                                                                                                                                                                                     FEATURE:
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                                                                                   Local Similarity
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nes 211; Conserv
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                                                                                98.4%;
97.2%;
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                                                                  Score 1080; DB 5;
Pred. No. 4.8e-102;
6; Mismatches 0;
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US-09-502-984B-9
, Sequence 9, Application US/09502984B
, GENERAL INFORMATION:
, APPLICANT: Luo, Peizhi
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; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
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            FILE REFERENCE: A-68126-1/RFT/RMS/RMK CURRENT APPLICATION NUMBER: US/09/502,984B CURRENT FILING DATE: 2000-02-11 PRIOR APPLICATION NUMBER: 60/120,009 PRIOR FILING DATE: 1999-02-11 PRIOR APPLICATION NUMBER: 60/131,674 PRIOR APPLICATION NUMBER: 60/131,674 PRIOR FILING DATE: 1999-04-29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: STRUCTURE-BASED SCREENING FILE REFERENCE: A-68126-1/RFT/RMS/RMK
                                                                                                                                  TITLE OF INVENTION: STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
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NUMBER OF SEQ ID NOS: 37
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96.7%;
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Pred. No. 7.7e-102;
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GENERAL INFORMATION:
APPLICANT: Luo, Peizhi
APPLICANT: Luo, Peizhi
TITLE OF INVENTION: STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
FILE REFERENCE: A-68126-1/RFT/RMS/RMK
CURRENT APPLICATION NUMBER: US/09/502,984B
CURRENT FILING DATE: 2000-02-11
PRIOR FILING DATE: 1999-02-11
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SOFTWARE: PATENTIN VET. 2.1
SEQ ID NO 13
LENGTH: 211
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Best Local Similarity
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ORGANISM: Artificial
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Pred. No. 2.5e
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Pred. No. 1.
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; OTHER INFORMATION: US-09-502-984B-15
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US-09-502-984B-14
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CURRENT APPLICATION NUMBER: US/09/502,984B
CURRENT FILING DATE: 2000-02-11
PRIOR APPLICATION NUMBER: 60/120,009
PRIOR FILING DATE: 1999-02-11
PRIOR APPLICATION NUMBER: 60/131,674
PRIOR APPLICATION NUMBER: 60/131,674
PRIOR FILING DATE: 1999-04-29
NUMBER OF SEQ ID NOS: 37
SOFTWARE: PatentIn Ver. 2.1
                                                                          PRIOR APPLICATION NUMBER: 60/131,674
PRIOR FILING DATE: 1999-04-29
NUMBER OF SEQ ID NOS: 37
SOFTWARE: PATENTIN VET. 2.1
SEQ ID NO 15
LENGTH: 211
TYPE: PRT
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LENGTH: 211
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Best Local Similarity
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TITLE OF INVENTION: STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
FILE REFERENCE: A-68126-1/RFT/RMS/RMK
CURRENT APPLICATION NUMBER: US/09/502,984B
CURRENT FILING DATE: 2000-02-11
CURRENT FILING DATE: 2000-02-1
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TITLE OF INVENTION: STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 60/120,009 PRIOR FILING DATE: 1999-02-11
                                       ORGANISM: Artificial Sequence FEATURE:
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Pred. No. 2.5e-101;
                    of Artificial Sequence:
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Query Match Best Local Similarity

97.7%; 96.2%;

Score Pred.

1073; DB 5; No. 2.5e-101;

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US-09-502-984B-7
; Sequence 7, Application US/09502984B
; GENERAL INFORMATION:
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US-09-502-984B-17
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                                                                                               Sequence 17, Application US/09502984B GENERAL INFORMATION:
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Best Local Similarity
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APPLICANT: Luo, Peizhi
TITLE OF INVENTION: STRUCTURE-BASED SCREENING
FILE REFERENCE: A-68126-1/RFT/RMS/RMK
CURRENT APPLICATION NUMBER: US/09/502,984B
CURRENT FILING DATE: 2000-02-11
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ORGANISM: Artificial Sequence
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95.7%;
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Pred. No. 5e-101;
7; Mismatches
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; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC US-09-502-984B-16
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US-09-502-984B-16
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SEQ ID NO 16
LENGTH: 211
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SEQ ID NO 17
LENGTH: 211
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Best Local Similarity
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CURRENT FILING DATE: 2000-02-11
PRIOR APPLICATION NUMBER: 60/120,009
PRIOR FILING DATE: 1999-02-11
                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60/131,674
PRIOR FILING DATE: 1999-04-29
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TITLE OF INVENTION: STRUCTURE-BASED
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ORGANISM: Artificial Sequence
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                  HQAPTARGAIRFWCSLPTADTSSFVPLELRLTAASGAPRFHRVIHINEVVLLDAPVGLVA 120
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RLADESGHIVIRWLPPPETPMTSHIRFEIDISAGNGAGSVQRVEILEGRTECVLSNLRGR
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93.8%;
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94.3%;
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                                                                                                                                              Score 1066; DB 5;
Pred. No. 1.3e-100;
2; Mismatches 1;
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Pred. No. 5e-101;
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US-09-502-984B-11
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US-09-502-984B-11
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GENERAL INFORMATION:
APPLICANT: Luo, Peizhi
TITLE OF INVENTION: STRUCTURE-BASED SCREENING TECHNIQUES
FILE REFERENCE: A-68126-1/RFT/RMS/RMK
CURRENT FILING DATE: 2000-02-11
PRIOR APPLICATION NUMBER: 60/120,009
PRIOR FILING DATE: 1999-02-11
PRIOR FILING DATE: 1999-02-11
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SEQ ID NO 11
LENGTH: 211
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                                                             SOFTWARE: PatentIn Ver. SEQ ID NO 12
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Best Local
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                                                                                                                                                                     APPLICANT: Luo, Peizhi
TITLE OF INVENTION: STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
FILE REFERENCE: A-68126-1/RFT/RMS/RMK
CURRENT APPLICATION NUMBER: US/09/502,984B
CURRENT FILING DATE: 2000-02-11
                                                                                         PRIOR APPLICATION NUMBER: 60/131,674
PRIOR FILING DATE: 1999-04-29
NUMBER OF SEQ ID NOS: 37
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PRIOR FILING DATE: 1999-04-29
NUMBER OF SEQ ID NOS: 37
                                                                                                                                        PRIOR APPLICATION NUMBER: 60/120,009 PRIOR FILING DATE: 1999-02-11
   ORGANISM: Artificial Sequence FEATURE:
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94.3%; Pred. No. 2.1e-100;
94.3%; one smatches 2;
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Sequence 10, Application US/09502984B GENERAL INFORMATION:
APPLICANT: Luo, Peizhi
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; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC US-09-502-984B-12
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APPLICANT: Luo, Peizhi
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Best Local Similarity
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Best Local Similarity 93.8%;
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TRYTFAVRARMAEPSFGGFWSAWSEPVSLLT 211
                                        TRITIAVRARMAEPSFGGFWSAWSEPVSLLT 211
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                                                                                                                                                                                                                                                                                                                                            Score 1060; DB 5;
Pred. No. 5.3e-100;
1; Mismatches 2;
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FILLE OF INVENTION: STRUCTURE-BASED SCREENING TECHNIQUES FOR DRUG DISCOVERY
FILE REFERENCE: A-68126-1/RFT/RMS/RMS
CURRENT APPLICATION NUMBER: US/09/502,984B
CURRENT FILING DATE: 2000-02-11
PRIOR FILING DATE: 1990-02-11
PRIOR FILING DATE: 1999-02-11
PRIOR FILING DATE: 1999-04-11
PRIOR APPLICATION NUMBER: 60/131,674
PRIOR FILING DATE: 1999-04-29
NUMBER OF SEQ ID NOS: 37
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 10
LENGTH: 211
TYPE: PRT
ORGANISM: Artificial Sequence
FEAPURE:
COMMER OF SEQ ID NOS: 37
ORGANISM: Artificial Sequence
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Search completed: August 28, 2002, 17:39:04 Job time: 550 sec
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Best Local Similarity
Matches 198; Conserv
                                                                                            121 RLADESGHVVIRWLPPPETPMTSHIRFELDISAGNGAGSVQRVELLEGRTECVLSNLRGR 180
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93.8%; Pred. No. 5.3e-100;
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